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PTO/SB/21 (04-07)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Patent Number	7,246,364
		Issued Date	July 17, 2007
		First Named Inventor	Tatsunori YAMAMOTO
		Art Unit	2627
		Examiner Name	Christopher R. Magee
Total Number of Pages in This Submission	14	Attorney Docket Number	259052003600

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Certificate of Correction (1 page) Request for Certificate of Correction (2 pages) Request to Correct Inventorship (2 pages) Consent of Assignee for Request to Correct Inventorship (1 page) Copy of Notice of Recordation (2 pages) Statement by Tatsunori YAMAMOTO and Makoto AKINAGA in support of Request for Correction of Inventorship (2 pages each, respectively) Return Receipt Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	MORRISON & FOERSTER LLP		
Signature			
Printed name	Adam C. Lilling		
Date	February 21, 2008	Reg. No.	60,272



<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b>		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2008</b>		Patent Number	7,246,364
		Issued	July 17, 2007
		First Named Inventor	Tatsunori YAMAMOTO
		Examiner Name	C. Magee
		Art Unit	2627
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	Attorney Docket No.	259052003600	
TOTAL AMOUNT OF PAYMENT	(\$)	230.00	

**METHOD OF PAYMENT** (check all that apply)

☐ Check   ☐ Credit Card   ☐ Money Order   ☐ None   ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account   Deposit Account Number: 03-1952   Deposit Account Name: Morrison & Foerster LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below   ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17   ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

**Total Claims**   **Extra Claims**   **Fee (\$)**   **Fee Paid (\$)**

\_\_\_\_\_ - 20 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**   **Extra Claims**   **Fee (\$)**   **Fee Paid (\$)**

\_\_\_\_\_ - 3 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 = _____ (round up to a whole number) x _____ = _____		

**4. OTHER FEE(S)**

	Fee (\$)	Fee Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)		
Other (e.g., late filing surcharge): 1811 Certificate of correction	100.00	
Fee Under 37 CFR 1.20(b)	130.00	

<b>SUBMITTED BY</b>		Registration No. (Attorney/Agent)	60,272	Telephone	(703) 760-7334
Signature				Date	February 21, 2008
Name (Print/Type)	Adam C. Lilling				



PATENT  
Docket No. 259052003600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the patent of:

Tatsunori YAMAMOTO

Serial No. 10/686,089

Patent No. 7,246,364 B2

Filing Date: October 14, 2003

Issue Date: July 17, 2007

For: OPTICAL PICKUP DEVICE

Examiner: Christopher R. Magee

Art Unit: 2627

**REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 CFR 1.324**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant respectfully requests that the inventorship of the above-captioned patent be corrected to delete Makoto Akinaga. The inventorship error occurred without deceptive intention on the part of the named inventors.

In support of this request, the consent of the Assignee, Sharp Kabushiki Kaisha, and statements that the error in inventorship occurred without deceptive intent are enclosed for Makoto Akinaga and Tatsunori Yamamoto. The required fee is authorized to be charged to **Deposit Account 03-1952.**

The U.S. Patent and Trademark Office is respectfully requested to correct the inventorship and to issue a Certificate of Correction.

In the event that the transmittal letter is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief is required, applicant

va-228291

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petitions for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing Docket No. **259052003600**.

Dated: February 21, 2008

Respectfully submitted,

By: \_\_\_\_\_

Adam C. Lilling

Registration No. 60,272

Morrison & Foerster LLP  
1650 Tysons Boulevard, Suite 400  
McLean, Virginia 22102  
Telephone: (703) 760-7334  
Facsimile: (703) 760-7777



PATENT  
Docket No. 259052003600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the patent of:

Tatsunori YAMAMOTO

Serial No. 10/686,089

Patent No. 7,246,364 B2

Filing Date: October 14, 2003

Issue Date: July 17, 2007

For: OPTICAL PICKUP DEVICE

Examiner: Christopher R. Magee

Art Unit: 2627

**CONSENT OF ASSIGNEE FOR REQUEST TO CORRECT INVENTORSHIP  
PURSUANT TO 37 CFR 1.324(b)(3)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Sharp Kabushiki Kaisha (Sharp) is the sole assignee of this patent, as recorded in the U.S. Patent and Trademark Office at Reel 014618, Frame 0346, by virtue of the attached Recordation of Assignment document. Sharp is fully aware of the Request to Correct Inventorship to delete Makoto Akinaga as a co-inventor. The error in inventorship occurred without deceptive intent. Accordingly, Sharp consents to the change in inventorship.

Sharp Kabushiki Kaisha

Signature:

*Shigeo Terashima*

Date:

January 30, 2008

Name:

Shigeo Terashima

Title:

Group General Manager  
Intellectual Property Group

RECEIVED

MAY 24 2004



Morrison & Foerster LLP  
Palo Alto

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 17, 2004

PTAS



\*102584986A\*

MORRISON & FOERSTER LLP  
ALAN S. HODES  
755 PAGE MILL RD.  
PALO ALTO, CA 94304

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/14/2003

REEL/FRAME: 014618/0346

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YAMAMOTO, TATSUNORI

DOC DATE: 09/19/2003

ASSIGNOR:

AKINAGA, MAKOTO

DOC DATE: 09/22/2003

ASSIGNEE:

SHARP KABUSHIKI KAISHA  
22-22, NAGAIKE-CHO, ABENO-KU  
OSAKA-SHI, OASKA, JAPAN 545-8522

SERIAL NUMBER: 10686089

FILING DATE: 10/14/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: OPTICAL PICKUP DEVICE

DOCKET NUMBER: 259052003600

014618/0346 PAGE 2

LENELL MACKALL, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



PATENT  
Docket No. 259052003600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the patent of:

Tatsunori YAMAMOTO

Serial No. 10/686,089

Patent No. 7,246,364 B2

Filing Date: October 14, 2003

Issue Date: July 17, 2007

For: OPTICAL PICKUP DEVICE

Examiner: Christopher R. Magee

Art Unit: 2627

**STATEMENT BY TATSUNORI YAMAMOTO IN SUPPORT OF REQUEST FOR  
CORRECTION OF INVENTORSHIP PURSUANT TO 37 CFR 1.324(b)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Tatsunori Yamamoto, declare as follows:

1) I reside at 19-8, Yagi 5-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0101 Japan;

2) I am named as an inventor of an invention claimed in the above-referenced patent;  
and

3) Makoto Akinaga's name was mistakenly included in the inventorship as originally filed, and this error in inventorship occurred without any deceptive intent on my part.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under 18 USC 1001, and that such willful false statements may jeopardize the validity of the patent.

Tatsunori Yamamoto

Signature: Tatsunori Yamamoto

Date: Jan 30, 2008



PATENT  
Docket No. 259052003600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the patent of:

Tatsunori YAMAMOTO

Serial No. 10/686,089  
Patent No. 7,246,364 B2

Filing Date: October 14, 2003  
Issue Date: July 17, 2007

For: OPTICAL PICKUP DEVICE

Examiner: Christopher R. Magee

Art Unit: 2627

**STATEMENT BY MAKOTO AKINAGA IN SUPPORT OF REQUEST FOR  
CORRECTION OF INVENTORSHIP PURSUANT TO 37 CFR 1.324(b)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Makoto Akinaga, declare as follows:

- 1) I reside at 2-13-1-109, Hachihonmatsuiida, Higashihiroshima-shi, Hiroshima 739-0146, Japan;
- 2) I am named as an inventor of an invention claimed in the above-referenced patent;  
and
- 3) my name was mistakenly included in the inventorship as originally filed, and this error in inventorship occurred without any deceptive intent on my part.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under 18 USC 1001, and that such willful false statements may jeopardize the validity of the patent.

Makoto Akinaga

Signature: Makoto Akinaga

Date: Jan 29, 2008